Scope of Claims

[1] An antiglare film having a light-diffusing layer in which fine resin particles are dispersed in a clear resin phase, characterized in that the fine resin particles comprise at least spherical fine resin particles and bowl-shaped fine resin particles having a concaved section at the particle center, and a refractive index n_x of the clear resin phase and a refractive index n_z of the bowl-shaped fine resin particle satisfy the relationship expressed by formula (1) below:

$$n_x - n_z \geq 0.03 \qquad (1)$$

[2] The antiglare film as described in Claim 1, characterized in that the refractive index n_y of said spherical fine resin particle and the refractive index n_z of said bowl-shaped fine resin particle satisfy the relationship expressed by formula (2) below:

$$n_z < n_y \qquad (2)$$

[3] The antiglare film as described in Claim 1, characterized in that the average particle size D_y of said spherical fine resin particles and the average particle size D_z of said bowl-shaped fine resin particles are in a range of 0.3 to 7.0 μm, respectively.

[4] The antiglare film as described in Claim 1 or 3, characterized in that the average particle size D_y of said spherical fine resin particles and the average particle size D_z of said bowl-shaped fine resin particles satisfy the relationship expressed by formula (3) below:

$$0.7\, D_z \leq D_y \leq 1.4\, D_z \qquad (3)$$

[5] The antiglare film as described in Claim 1, characterized in that the light-diffusing layer is provided on at least one surface of a clear base.

[6] The antiglare film as described in Claim 1, characterized in that the light-diffusing layer has an convex-concave surface, and convex parts of said convex-concave surface are formed by the spherical fine resin particles alone or by a mixture of the spherical fine resin

particles and the bowl-shaped fine resin particles.

[7] The antiglare film as described in Claim 6, characterized in that a thickness of the thinnest part of said light-diffusing layer is greater than a height of said bowl-shaped fine resin particle.

[8] The antiglare film as described in Claim 6, characterized in that the average particle size of said spherical fine resin particles is in a range of 110 to 300% of the height of said bowl-shaped fine resin particle.

[9] The antiglare film as described in Claim 6, characterized in that an average roughness Ra of said convex-concave surface is in a range of 0.1 to 1.0 μm.